## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/39540

A. CLASSIFICATION OF SUBJECT MATTER  IPC(7) ! H01S I/06; H03B 17/00  US CL : 331/94.1  According to International Parent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 331/94.1, 3				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields tearched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms usell)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where a	propriate, of the relevant passages R	clevant to claim No.	
Ā	US 6,265,945 A (DELANEY ET AL) 24 JULY 2001		<b>4-12</b>	
Further documents are listed in the continuation of Box C. See patent family annex.				
Special categories of cited documents:  "A" document defining the general state of the mt which is not considered to be of puricular relevance  "E" carlier application or putent published on or after the international lifting date		data and not in conflict with the application principle of theory underlying the invention  "X" document of carricular relevance: the claims	document of particular relevance; the claimed invention causes be confidered acycl or cannot be considered to involve in invantive step	
"L" document which may throw doubts on priority ciaim(s) or which (s cized to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other succius		considered to involve an invalidation step when combined with one or more other such docu		
		"&" document member of the same pitett family	<b>y</b>	
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Mall Stop PCT, Aun: ISA/US. Commissioner for Patents P.O. Box, 1450 Alexandrin, Virginia 22313-1450 Facsimite No. (703) 305-3230		DAVID MIS PARAL	rah a Thomas Egal specialist 1904 - 1900	
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